I. AMENDMENTS

IN THE CLAIMS

Cancel claims 9-12 and 27 without prejudice to renewal.

Please enter the amendment to claim 1, as shown below.

1. (Currently Amended) A method of detecting an increased susceptibility to bipolar mood disorder (BP) in an individual comprising:

a) analyzing a sample of DNA from a test individual for the presence of a DNA polymorphism associated with BP on the short arm of chromosome 18 between SAVA5 and ga203 b) performing a pedigree analysis by analyzing DNA samples obtained from family members of the test individual for the presence of the DNA polymorphism and correlating the presence or absence of the DNA polymorphism with a phenotypic diagnosis of bipolar mood disorder for said individual ~~or for said family members~~, wherein a correlation indicates that the test individual has an increased susceptibility to develop BP.

2. (Previously presented) The method of claim 1, wherein said DNA polymorphism is located on the short arm of chromosome 18 between and inclusive of D18S1140 and ga203.

3. (Previously presented) The method of claim 1, wherein said DNA polymorphism is located on the short arm of chromosome 18 between and inclusive of SAVA5 and W3422.

4. (Previously presented) The method of claim 1, wherein said DNA polymorphism is located on the short arm of chromosome 18 between and inclusive of D18S11 and W3422.

5. (Previously presented) The method of claim 1, wherein said DNA polymorphism is located on the short arm of chromosome 18 between and inclusive of D18S1140 and at201.

6. (Previously presented) The method of claim 1, wherein said DNA polymorphism is located on the short arm of chromosome 18 between and inclusive of D18S1140 and ta201.

7. (Previously presented) The method of claim 1, wherein said DNA polymorphism is located on the short arm of chromosome 18 between and inclusive of D18S59 and ta201.

8.-24 (Canceled)

25. (Previously presented) The method of claim 1, wherein the polymorphism is a polymorphic microsatellite marker.

26. (Previously presented) The method of claim 25, wherein the polymorphism is a single nucleotide polymorphism.

27. (Canceled)

28. (Previously presented) A method of detecting an increased susceptibility to bipolar mood disorder (BP) in an individual comprising:

analyzing a DNA sample from said individual for the presence of a polymorphic microsatellite marker, wherein the marker is a 154 base pair allele at D18S59, and wherein the presence of the marker is indicative of an increased susceptibility to BP.

29. (Previously presented) A method of detecting an increased susceptibility to bipolar mood disorder (BP) in an individual comprising

analyzing a DNA sample from said individual for the presence of a polymorphic microsatellite marker, wherein the marker a 271 base pair allele at D18S476, and wherein the presence of the marker is indicative of an increased susceptibility to BP.